



City Council Agenda Item: 4th Street Project

From:

John Shrier, Project Manager

Meeting Date:

April 12, 2022

Agenda Wording:

Approval of plans and specifications for the 4th Street Reconstruction Project, including the 2 Alley Utility Replacement Projects, and authorization for the City Manager to request bids. The 4th Street project consists of reconstructing a 20 foot wide pavement of 4th Street from Avenue A to Avenue D, installing underground drainage, replacement of water and sewer lines and constructing sidewalks on the northern section of 4th Street. The project also includes an Additive Bid Part 1 to pave 4th Street from Ave D to G and related infrastructure and Additive Bid Part 2 to replace the water and sewer lines within Alley #1 between Ave C and D and Additive Bid Part 3 to replace the water and sewer lines within Alley #2 between 6th and 7th Streets. Funding is available from the 2020 Bond Program.

Attachments:

An electronic set of the plans and specifications

Executive Summary:

The proposed 4th Street Project is not in accordance with the Master Transportation Plan as the roadside collection swales are proposed to remain, while utilizing the existing collection inlets in many places and utilizing much of the sidewalk (only on the north side). 4th Street will be constructed, maintaining 10' lanes and adding a 1' edge curb on each side for a full width of 22' edge to edge. The roadway is as large as can be within the existing ROW and given the existing constraints and infrastructure. Additionally, the two Utility replacement Projects within Alley 1 and 2 have been incorporated within the 4th Street improvements plan set. These two projects were bid in late 2021 and pricing received exceed the available budgets. At that time the City Council chose not to award the bids and rather re-bid at a later date.

The estimated costs of these project have increased since original envisioned. The 4th Street project scope was amended to include water and sewer utility replacements. Additionally, we've experienced an unprecedented increase in material pricing over the last several months. Due to the increase in price the improvements from Avenue D to G are being bid as Additive Bid Part 1. The estimated cost of Additive Bid Part 1 is \$1,029,225. Additive Bid Part 2 includes the water and sewer placements within the Alley between Ave C and D and Part 3 includes the water and sewer placements within the Alley between 7th and 8th Streets.

Below is a breakdown of the original estimate (July 2020) and current cost estimates:

4th Street (Base & Additive Part 1)

	Original Est. 7/2020	Base Bid	Additive Bid	Total Estimate
General	\$230,000	\$400,000	\$40,000	\$440,000
Drainage	\$1,628,450	\$2,217,100	\$263,065	\$2,480,165
Water	0	\$667,925	\$229,330	\$897,225
Sewer	0	\$570,725	\$89,650	\$660,375
Streets	\$1,410,328	\$974,830	\$313,615	\$1,288,445
Contingency	326,877	\$485,233	\$93,565	\$578,798
Engineering	\$539,348	\$609,848	0	\$609,848
Total	\$4,135,004	\$5,925,661	\$1,029,225	\$6,954,886
				Total (including Additive 1): \$6,954,886

Additive Part 2: Alley 1 (Between 1st & 2nd Street from Ave. C to Ave. D)

	Original Est. 7/2020	Current Est. 4/2022
General	\$11,100	\$7,970
Water	\$53,050	\$53,600
Sewer	\$68,125	\$53,416
Streets	0	\$6,875
Contingency	\$13,228	\$12,200
Engineering	\$21,825	\$21,825
Total	\$167,328	\$155,885
		Total Additive Part 2: \$155,885

Additive Part 3: Alley 2 (Between Ave. B to Ave. C from 6th to 7th Street)

	Original Est. 7/2020	Current Est. 4/2022
General	\$13,200	\$13,550
Water	\$59,550	\$99,100
Sewer	\$105,050	\$76,580
Streets	0	\$17,915
Contingency	\$17,780	\$20,725
Engineering	\$29,337	\$29,337
Total	\$224,917	\$257,207
		Total Additive Part 3: \$257,207

Impact if Approved:

Project will proceed to bid.

Impact if Denied:

Project will be on hold.

Is Funding Required? ☒ Yes ☐ No If yes, is it budgeted? ☒ Yes ☐ No ☐ N/A

Indicate Funding Source/ Explanation:

The majority of funding for this project is through the 2020 Bond Program. Based on the estimates provided by the engineers the cost of this project may require having to defer or to seek additional funding for the Kenny Lane Project. Below is a table showing **current** funding approvals for the 4th Street Project as well the other 2020 Bond Projects.

	FY 20/21	FY 20/21 Budget	FY 21/22 Budget	FY 21/22 Budget		
	2020 Bond	General Fund TR	Utility Capital Fund Appropriation	Street Bond Appropriation	Jan '22 Budget Amend	Total Project Budget
Original Bond Received	(6,510,000)					
4th Street Drainage	2,598,718	1,536,286	1,429,996			5,565,000
12th St Utility w/change orders	1,878,402			443,873	80,000	2,402,275
Kenny Ln Waterline	1,468,806		639,219	253,613		2,361,638
Utility Rplcmnt Ave C&D	155,885					155,885
Utility Rplcmnt Ave B&C	257,207					257,207
Drainage Master Plan	150,982					150,981
	-	1,536,286	2,069,215	697,486	80,000	10,892,987

Bond Balance						
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The estimated project cost for the 4th Street Project, with Additive Bids 1, 2 and 3, is \$7,367,978. The funding availability for the 4th Street Project including Additives 1, 2 and 3 is \$5,978,092, a shortage of \$1,389,886. Depending on how the bids come in, it may be necessary to either seek additional funding for the 4th Street Project or to re-allocate funds from the Kenny Ln Project to make up the \$1,389,886 current estimated shortage.

Known as:

4th Street Project

Staff Recommendation:

Approval

Agenda item approved by City Manager

